

# Table E1. - Forest Productivity

Essex County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber  Cu Ft/Acre	
1A:				
Atlee	loblolly pine	76	100	loblolly pine
	southern red oak	70	57	
	Virginia pine	70	114	
Emporia	---	---	---	---
Kempsville	---	---	---	---
2A:				
Augusta	American beech	---	0	American sycamore
	American sycamore	90	100	cherrybark oak
	loblolly pine	90	129	loblolly pine
	red maple	---	0	sweetgum
	shortleaf pine	---	0	yellow-poplar
	southern red oak	80	57	
	sweetgum	90	100	
	water oak	---	0	
	white oak	80	57	
	yellow-poplar	---	0	
Munden	---	---	---	---
Tetotum	---	---	---	---
Tomotley	---	---	---	---
3A:				
Bibb	Atlantic white cedar	---	0	eastern cottonwood
	blackgum	---	0	loblolly pine
	loblolly pine	100	157	sweetgum
	sweetgum	90	100	yellow-poplar
	water oak	90	86	
	yellow-poplar	---	0	
Catpoint	---	---	---	---
Rappahanock	---	---	---	---
4A:				
Bojac	loblolly pine	80	114	loblolly pine
	southern red oak	70	57	sweetgum
	sweetgum	80	86	
	Virginia pine	75	114	
	white oak	---	0	
Munden	---	---	---	---
State	---	---	---	---

# Table E1. - Forest Productivity - Continued

Essex County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber  Cu Ft/Acre	
5A:				
Bolling	loblolly pine	90	129	black walnut
	shortleaf pine	80	129	loblolly pine
	Virginia pine	80	114	yellow-poplar
	yellow-poplar	90	86	
Molena	---	---	---	---
Pamunkey	---	---	---	---
6B:				
Catpoint	loblolly pine	80	114	loblolly pine
	sweetgum	80	86	
	water oak	70	57	
Munden	---	---	---	---
Tetotum	---	---	---	---
7A:				
Chickahominy	loblolly pine	88	129	loblolly pine
	red maple	---	0	sweetgum
	sweetgum	95	114	
	water oak	---	0	
	willow oak	---	0	
Ponded soils	---	---	---	---
Tetotum	---	---	---	---
Tomotley	---	---	---	---
8A:				
Dogue	loblolly pine	90	129	loblolly pine
	southern red oak	80	57	
	sweetgum	90	100	
	white oak	80	57	
	yellow-poplar	93	100	
Chickahominy	---	---	---	---
Newflat	---	---	---	---
State	---	---	---	---
Tetotum	---	---	---	---
9A:				

# Table E1. - Forest Productivity - Continued

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	Common Trees	Site Index	Volume of Wood Fiber  Cu Ft/Acre	
9A:				
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
Kempsville	---	---	---	---
Slagle	---	---	---	---
9B:				
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
Kempsville	---	---	---	---
Slagle	---	---	---	---
9C:				
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
Kempsville	---	---	---	---
Slagle	---	---	---	---
10A:				
Kempsville	loblolly pine	82	114	loblolly pine
	southern red oak	74	57	
	sweetgum	80	86	
	Virginia pine	74	114	
	yellow-poplar	82	72	
Emporia	---	---	---	---
Slagle	---	---	---	---
Suffolk	---	---	---	---
10B:				
Kempsville	loblolly pine	82	114	loblolly pine
	southern red oak	74	57	
	sweetgum	80	86	
	Virginia pine	74	114	
	yellow-poplar	82	72	
Emporia	---	---	---	---
Slagle	---	---	---	---
Suffolk	---	---	---	---
10C:				

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Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber	
Cu Ft/Acre				
10C:				
Kempsville	loblolly pine	82	114	loblolly pine
	southern red oak	74	57	
	sweetgum	80	86	
	Virginia pine	74	114	
	yellow-poplar	82	72	
Emporia	---	---	---	---
11A:				
Levy	baldcypress	---	0	baldcypress sweetgum
	sweetgum	85	86	
	water tupelo	---	0	
Rappahannock	---	---	---	---
12A:				
Molena	loblolly pine	80	114	loblolly pine
	northern red oak	86	72	
	shortleaf pine	---	0	
	water oak	---	0	
	white oak	68	57	
Munden	---	---	---	---
Pamunkey	---	---	---	---
12B:				
Molena	loblolly pine	80	114	loblolly pine
	northern red oak	86	72	
	shortleaf pine	---	0	
	water oak	---	0	
	white oak	68	57	
Munden	---	---	---	---
Pamunkey	---	---	---	---
13A:				
Munden	loblolly pine	90	129	loblolly pine
	sweetgum	90	100	
	white oak	76	57	
Bojac	---	---	---	---
State	---	---	---	---
Tetotum	---	---	---	---
14A:				

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Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber  Cu Ft/Acre	
14A:				
Newflat	loblolly pine	90	129	loblolly pine
	southern red oak	---	0	sweetgum
	sweetgum	95	114	
	water oak	---	0	
	white oak	---	0	
Chickahominy	---	---	---	---
Tetotum	---	---	---	---
15A:				
Pamunkey	loblolly pine	90	129	loblolly pine
	northern red oak	80	57	yellow-poplar
	yellow-poplar	90	86	
Bolling	---	---	---	---
Molena	---	---	---	---
16:				
Pits	---	---	---	---
17A:				
Rappahannock	---	---	---	---
18B:				
Rumford	loblolly pine	80	114	loblolly pine
	southern red oak	65	43	
	Virginia pine	70	114	
Kempsville	---	---	---	---
Suffolk	---	---	---	---
19E:				
Rumford	loblolly pine	80	114	loblolly pine
	southern red oak	65	43	
	Virginia pine	70	114	
Emporia	loblolly pine	75	100	loblolly pine
	southern red oak	70	57	sweetgum
Bibb	---	---	---	---
Kempsville	---	---	---	---
Slagle	---	---	---	---
20D:				

# Table E1. - Forest Productivity - Continued

Essex County, Virginia

Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber	
Cu Ft/Acre				
20D:				
Rumford	loblolly pine	80	114	loblolly pine
	southern red oak	65	43	
	Virginia pine	70	114	
Slagle	loblolly pine	86	129	loblolly pine
	southern red oak	76	57	sweetgum
	sweetgum	86	100	yellow-poplar
	water oak	76	72	
	yellow-poplar	90	86	
Bibb	---	---	---	---
Dogue	---	---	---	---
Kempsville	---	---	---	---
Suffolk	---	---	---	---
21B:				
Slagle	loblolly pine	86	129	loblolly pine
	southern red oak	76	57	sweetgum
	sweetgum	86	100	yellow-poplar
	water oak	76	72	
	yellow-poplar	90	86	
Atlee	---	---	---	---
Emporia	---	---	---	---
Kempsville	---	---	---	---
21C:				
Slagle	loblolly pine	86	129	loblolly pine
	southern red oak	76	57	sweetgum
	sweetgum	86	100	yellow-poplar
	water oak	76	72	
	yellow-poplar	90	86	
Emporia	---	---	---	---
Kempsville	---	---	---	---
22A:				

# Table E1. - Forest Productivity - Continued

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Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber	
Cu Ft/Acre				
22A:				
State	American beech	---	0	black walnut
	hickory	---	0	loblolly pine
	loblolly pine	86	129	yellow-poplar
	southern red oak	85	72	
	Virginia pine	85	129	
	white oak	---	0	
	yellow-poplar	100	114	
Bojac	---	---	---	---
State	---	---	---	---
Tetotum	---	---	---	---
22B:				
State	American beech	---	0	black walnut
	hickory	---	0	loblolly pine
	loblolly pine	86	129	yellow-poplar
	southern red oak	85	72	
	Virginia pine	85	129	
	white oak	---	0	
	yellow-poplar	100	114	
Bojac	---	---	---	---
Tetotum	---	---	---	---
23A:				
Suffolk	loblolly pine	82	114	loblolly pine
	shortleaf pine	72	114	
	southern red oak	70	57	
Kempsville	---	---	---	---
Rumford	---	---	---	---
23B:				
Suffolk	loblolly pine	82	114	loblolly pine
	shortleaf pine	72	114	
	southern red oak	70	57	
Kempsville	---	---	---	---
Rumford	---	---	---	---
24A:				

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Map Symbol and Soil Name	Potential Productivity			Trees to Manage
	Common Trees	Site Index	Volume of Wood Fiber	
Cu Ft/Acre				
24A:				
Tetotum	loblolly pine	88	129	loblolly pine
	southern red oak	76	57	
	sweetgum	85	86	
	white oak	---	0	
	yellow-poplar	---	0	
Munden	---	---	---	---
State	---	---	---	---
Tomotley	---	---	---	---
24B:				
Tetotum	loblolly pine	88	129	loblolly pine
	southern red oak	76	57	
	sweetgum	85	86	
	white oak	---	0	
	yellow-poplar	---	0	
Munden	---	---	---	---
State	---	---	---	---
Tomotley	---	---	---	---
25A:				
Tomotley	loblolly pine	97	143	loblolly pine
	red maple	---	0	
	sweetgum	---	0	
	water oak	78	72	
	water tupelo	---	0	
	willow oak	86	86	
	yellow-poplar	---	0	
Augusta	---	---	---	---
Chickahominy	---	---	---	---
Tetotum	---	---	---	---
W:				
Water	---	---	---	---